

Observability Accelerator Workshops

Honeycomb's Observability Accelerators are designed to jumpstart your onboarding experience. These instructor-led workshops provide your team with standard training in a setting that allows you to customize applications to the needs of your particular team and application environment.

Workshop packages are separated into two offerings: Honeycomb Fundamentals and Honeycomb Powerups.

Honeycomb Fundamentals

Covers the basics of using Honeycomb within a collaborative team setting in order to establish an observability practice for your production applications. This series of workshops is run in an intensive 1-week session with a dedicated Honeycomb Implementation Engineer.

Honeycomb Powerups

Includes concepts from Fundamentals and also covers intermediate concepts that will significantly shorten your onboarding timelines. The Honeycomb Powerups series of workshops is run in an intensive 2-week session with a dedicated Honeycomb Implementation Engineer, and is recommended for larger and more complex environments.



WEEK ONE

Honeycomb Fundamentals

- Getting Started: Day 1
- Observability Infrastructure Setup
- Auto-Instrumentation in a Pre-Production Environment
- Service Level Objectives
- Collaborative Debugging
- Auto-Instrumentation in a Production Environment

WEEK TWO

Honeycomb Powerups

- All workshops in Honeycomb Fundamentals
- Sampling Methodologies
- Custom Instrumentation Workshop
- Infrastructure Integrations
- Observability for CI/CD Pipelines



Honeycomb Fundamentals Workshop Descriptions

Getting Started: Day 1

On day one, we'll kick off the project, define and establish goals, and begin your team's training and setup. This workshop starts with a 60 minute kick-off meeting. We will then walk through setting up your Honeycomb team including SSO Configuration, API keys, Dataset Layout, and more. The workshop ends with a two-hour instructor-led Honeycomb introductory training session that covers various concepts including data types, basic queries, and analysis features like BubbleUp and use of distributed tracing.

Observability Infrastructure Setup

This hands-on working session guides you through the setup process for any on-premise Infrastructure you need to operate Honeycomb in a reliable and scalable fashion including a Secure Tenancy cluster, an OpenTelemetry Collector, or a Refinery cluster.

Auto-Instrumentation in a Pre-Production Environment

In this session, your team is guided through setting up auto-instrumentation in, at minimum, one application in a pre-production environment. This workshop includes focusing on instrumentation with supported application frameworks, how to manage secrets for Honeycomb, and guidance on telemetry release strategies.



Service Level Objectives

This workshop leads a business negotiation between your technical leaders, executive stakeholders, and key engineers to align system availability and performance. With a business agreement defined, you will then learn how to define, measure, and monitor that agreement using Honeycomb's SLO feature. Additional concepts include creating SLIs with derived columns, setting up Burn Alerts and resetting SLO Error Budgets, and using triggers for SLO-based alerting.

Collaborative Debugging

This workshop is designed to focus on strategies to level up your entire team's troubleshooting abilities by leveraging the skills of your most senior staff. This is a highly-interactive workshop designed to show you how to best use Honeycomb's collaboration features for knowledge sharing. Observability is a team sport.

Auto-Instrumentation in a Production Environment

This workshop can be started once your pre-production Honeycomb instrumentation is ready to be promoted into production. In this session, we'll be right there with you as instrumentation is deployed to prod. Our onboarding team is there to ensure everything goes smoothly and our direct line to Honeycomb engineering will be open in case we discover any bugs along the way.

Note: It's not always practical for teams to complete the "Auto-Instrumentation in a Production Environment" workshop in a timely manner and it is considered optional in order to complete the Honeycomb Fundamentals package. However, completion of this workshop is required in order to proceed to other sessions in the Honeycomb Powerup package.



Honeycomb Powerups Workshop Descriptions

Sampling Methodologies

Sampling provides a representation of information about a subset of requests, flowing through your system so that you learn about its overall performance. This session guides you through exploring sample rates, techniques for maintaining high-fidelity in your data, and identifying the best sampling strategy for your environment.

Custom Instrumentation

Auto-instrumentation is the quickest way to get started with Honeycomb, but debugging can be much more powerful with instrumentation that is specific to your own applications. This workshop shows you how to add custom context to that auto-instrumentation like search parameters, user id, custom API information, and more. Concepts in this session include best practices for defining custom attributes and child span creation.

Observability for CI/CD Pipelines

Observability isn't just for understanding what's really happening in your production service. Honeycomb Markers allow you to annotate events you care about. They're useful for instrumenting build events that empower you to understand your CI/CD pipelines and resolve bottlenecks that speed up your ability to release features to production. This workshop helps you optimize your deployment strategy by connecting Honeycomb to your CI/CD system (e.g. Travis-CI, CircleCI, Jenkins, etc).



Infrastructure Integrations

The instrumentation covered in earlier workshops can tell you most of what you need to know about application-level issues that affect the performance of your production services.

Infrastructure-level instrumentation can tell you the rest. This workshop provides guidance on how best to handle events from various infrastructure sources. This workshop can cover use of any [supported Honeycomb integrations](#).

Want to Know More?

These Observability Accelerator Workshops are available as add-on packages for your Honeycomb Enterprise subscription. These workshops are only available for Enterprise customers and are recommended at the beginning of your Honeycomb journey. For additional details, ask your account representative. You can also reach out to our Customer Success team by emailing accelerateme@honeycomb.io.